

6.9.1.2

**From:** "Stefanoff, Jim/SPK" <jstefano@CH2M.com>  
**To:** "'Voytilla, Mary Kay/EPA'" <voytilla.marykay@epama...>  
**Date:** 10/6/99 8:21am  
**Subject:** FW: Guy Cave Placement

Mary Kay and Jay--please see Debbie's message. We no longer need a grading concept for the upper cave. I will fax our previous concept for the lower cave to her as she requests.

Jim

-----Original Message-----

**From:** Deborah Angell [mailto:deborah\_angell@mk.com]  
**Sent:** Wednesday, October 06, 1999 7:46 AM  
**To:** jstefano@ch2m.com  
**Cc:** Richard.E.Fink@nww01.usace.army.mil  
**Subject:** Guy Cave Placement

Jim,

Late yesterday USACE indicated that MK was to place excavated spoils from the Reed Landing work in the lower guy cave area, not the upper as you and I had discussed Monday. I will be preparing a placement plan of how MK would like to place and compact materials in the area. You said that CH2M Hill had prepared a plan for the lower cave (that was apparently not followed during the placement of the Wardner dump material). I was wondering if I could get a copy of your plan to see if MK can place in accordance with your idea to get the lower cave closer to something that will be suitable for liner or closure in the future.

Thanks for the topo drawing. The contours at the lower area have definitely changed since this mapping was shot and we will take it into consideration when developing our plan. We will likely alter the previously placed materials so that we can notch our compacted materials into their slope so we do not create a failure plane underneath the materials that we place.

I went up yesterday to check out the Upper Cave, and I see what you mean about the berm where the road turn to head to the upper cave, only it gets worse. Hagaman has spread additional material on the side-cast berm and essentially cut off access to the upper cave. While we are working up there we can re-establish a the road to the upper area if it is necessary for future work.

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